# David Ellis

## List of Publications by Year in descending order



| | | | |
|---|---|---|---|
| 57 papers | 1,385 citations | 279798 23 h-index | 377865 34 g-index |
| 63 all docs | 63 docs citations | 63 times ranked | 541 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | NMR of carboranes. , 2023, , 62-106. | | 2 |
| 2 | Demystifying NMR spectroscopy: Applications of benchtop spectrometers in the undergraduate teaching laboratory. Magnetic Resonance in Chemistry, 2020, 58, 1256-1260. | 1.9 | 8 |
| 3 | Continuous-flow synthesis and application of polymer-supported BODIPY Photosensitisers for the generation of singlet oxygen; process optimised by in-line NMR spectroscopy. Journal of Flow Chemistry, 2020, 10, 327-345. | 1.9 | 20 |
| 4 | Large, weakly basic bis(carboranyl)phosphines: an experimental and computational study. Dalton Transactions, 2017, 46, 5218-5228. | 3.3 | 18 |
| 5 | Carborane Substituents Promote Direct Electrophilic Insertion over Reductionâ€“Metalation Reactions. Angewandte Chemie - International Edition, 2016, 55, 4596-4599. | 13.8 | 19 |
| 6 | Carborane Substituents Promote Direct Electrophilic Insertion over Reductionâ€“Metalation Reactions. Angewandte Chemie, 2016, 128, 4672-4675. | 2.0 | 3 |
| 7 | Unprecedented flexibility of the 1,1â€²-bis(o-carborane) ligand: catalytically-active species stabilised by B-agostic Bâ€“Hâ‡€Ru interactions. Dalton Transactions, 2016, 45, 1127-1137. | 3.3 | 40 |
| 8 | Developing nitrosocarborane chemistry. Dalton Transactions, 2016, 45, 3635-3647. | 3.3 | 13 |
| 9 | Icosahedral metallacarborane/carborane species derived from 1,1â€²-bis(o-carborane). Dalton Transactions, 2015, 44, 5628-5637. | 3.3 | 34 |
| 10 | Asymmetric 1,8/13,2,x-M2C2B1014-vertex metallacarboranes by direct electrophilic insertion reactions; the VCD and BHD methods in critical analysis of cage C atom positions. Dalton Transactions, 2014, 43, 5095-5105. | 3.3 | 38 |
| 11 | How to Make 8,1,2â€closoâ€MC<sub>2</sub>B<sub>9</sub> Metallacarboranes. Angewandte Chemie - International Edition, 2014, 53, 12222-12225. | 13.8 | 18 |
| 12 | The synthesis and characterisation of homo- and heterobimetallic 1,14,2,9- and 1,14,2,10-M<sub>2</sub>C<sub>2</sub>B<sub>10</sub>14-vertex metallacarboranes. Dalton Transactions, 2013, 42, 671-679. | 3.3 | 15 |
| 13 | Capping the thiaborate anion [7-nido-SB10H11]â^'. Journal of Organometallic Chemistry, 2013, 747, 211-216. | 1.8 | 6 |
| 14 | Synthesis and Characterisation of Sigmaâ€•and Piâ€Bonded Metallaphosphacarboranes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1095-1100. | 1.2 | 2 |
| 15 | Icosahedral and supraicosahedral naphthalene ruthenacarboranes. Journal of Organometallic Chemistry, 2012, 721-722, 78-84. | 1.8 | 10 |
| 16 | Facile Isomerization and Unprecedented Decarbonation of Metallacarboranes with Fluorinated Aryl Substituents. Organometallics, 2012, 31, 2523-2525. | 2.3 | 8 |
| 17 | Untethered 4,1,2-MC2B10 supraicosahedral metallacarboranes, their C,Câ€²-dimethyl 4,1,6-, 4,1,8- and 4,1,12-MC2B10 analogues, and DFT study of the (4,)1,2- to (4,)1,6-isomerisations of C2B11 carboranes and MC2B10 metallacarboranes. Dalton Transactions, 2012, 41, 10957. | 3.3 | 12 |
| 18 | Spectroscopic, structural, computational and (spectro)electrochemical studies of icosahedral carboranes bearing fluorinated aryl groups. Dalton Transactions, 2011, 40, 4200. | 3.3 | 40 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Diphosphaborane and Metalladiphosphaborane: Ligands for Transitionâ€Metal Chemistry. Angewandte Chemie - International Edition, 2011, 50, 12339-12341. | 13.8 | 9 |
| 20 | Synthesis and/or molecular structures of some simple 2,1,7- and 2,1,12-ruthena- and cobaltacarboranes. Collection of Czechoslovak Chemical Communications, 2010, 75, 853-869. | 1.0 | 14 |
| 21 | Roomâ€Temperature Cï£¿C Bond Cleavage of an Arene by a Metallacarborane. Angewandte Chemie - International Edition, 2010, 49, 4943-4945. | 13.8 | 73 |
| 22 | The first supraicosahedral bis(heteroborane). Chemical Communications, 2010, 46, 7394. | 4.1 | 32 |
| 23 | Supraicosahedral indenyl cobaltacarboranes. Dalton Transactions, 2010, 39, 5286. | 3.3 | 24 |
| 24 | Synthetic, structural and computational studies on adducts of the 4,1,2-SnC2B10 supraicosahedral stannacarborane. Dalton Transactions, 2010, 39, 2412. | 3.3 | 14 |
| 25 | Exopolyhedral ligand flipping on isomerisation of novel supraicosahedral stannacarboranes. Chemical Communications, 2009, , 5403. | 4.1 | 10 |
| 26 | Adducts of the supraicosahedral stannacarborane 1,6-Me2-4,1,6-closo-SnC2B10H10; synthetic, structural and computational studies. Dalton Transactions, 2009, , 2345. | 3.3 | 12 |
| 27 | Unprecedented steric deformation of ortho-carborane. Chemical Communications, 2008, , 5345. | 4.1 | 37 |
| 28 | New 13-vertex metallacarborane sandwich compounds; synthetic and structural studies. Dalton Transactions, 2008, , 1009-1017. | 3.3 | 10 |
| 29 | Unexpectedly facile isomerisation of [7,10-Ph2-7,10-nido-C2B10H10]2â^'to [7,9-Ph2-7,9-nido-C2B10H10]2â^'. Chemical Communications, 2007, , 2178-2180. | 4.1 | 29 |
| 30 | The Conformations of 13-VertexML2C2B10Metallacarboranes:Â Experimental and Computational Studies. Journal of the American Chemical Society, 2007, 129, 3302-3314. | 13.7 | 21 |
| 31 | Symmetric and asymmetric 13-vertex bimetallacarboranes by polyhedral expansion. Chemical Communications, 2007, , 2243. | 4.1 | 27 |
| 32 | The Mechanism of Reduction and Metalation ofpara Carboranes: The Missing 13-Vertex MC2B10 Isomer. Angewandte Chemie - International Edition, 2007, 46, 6706-6709. | 13.8 | 20 |
| 33 | Mapping the pathway of heteroborane isomerisation: Two parallel â€œ1,2â†'1,7â€•isomerisations of a crowded molybdacarborane and the isolation of isomerisation intermediates. Inorganica Chimica Acta, 2006, 359, 3745-3753. | 2.4 | 15 |
| 34 | Isomerisation following the platination of [7,8-Ph2-9,11-I2-7,8-nido-C2B9H7]2â^'. Polyhedron, 2006, 25, 915-922. | 2.2 | 14 |
| 35 | A 15-Vertex Heteroborane. Angewandte Chemie - International Edition, 2006, 45, 4313-4316. | 13.8 | 73 |
| 36 | Towards the mechanism of heteroborane isomerisation: 1,2â†'1,2 and 1,2â†'1,7 low-temperature isomerisations from metallations of [5-I-7,8-Ph2-7,8-nido-C2B9H8]2â^'. Inorganica Chimica Acta, 2005, 358, 1485-1493. | 2.4 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The first 4,1,10-MC2B10 supraicosahedral metallacarboranes and a route to previously inaccessible 4,1,12-ruthenium arene species. Chemical Communications, 2005, , 1348. | 4.1 | 36 |
| 38 | Fourteen-vertex homo- and heterobimetallic metallacarboranes. Chemical Communications, 2005, , 1917. | 4.1 | 34 |
| 39 | Synthetic, spectroscopic, computational and structural studies of some 13-vertex ruthenacarboranes. Dalton Transactions, 2005, , 1716. | 3.3 | 33 |
| 40 | The synthesis and characterisation of 4,1,2-MC2B10 metallacarboranes. Dalton Transactions, 2005, , 1842. | 3.3 | 28 |
| 41 | Supraicosahedral (Metalla) Carboranes. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 42 | The synthesis and molecular and crystal structures of 1-methyl-2-carboxy-1,2-dicarba-closo-dodecaborane(12), 1-phenyl-2-carboxy-1,2-dicarba-closo-dodecaborane(12) and 1-phenyl-2-benzoyl-1,2-dicarba-closo-dodecaborane(12). Polyhedron, 2004, 23, 629-636. | 2.2 | 25 |
| 43 | Beyond the Icosahedron: The First 13-Vertex Carborane. Angewandte Chemie, 2003, 115, 235-238. | 2.0 | 32 |
| 44 | Beyond the Icosahedron: The First 13-Vertex Carborane. Angewandte Chemie - International Edition, 2003, 42, 225-228. | 13.8 | 134 |
| 45 | Nickelation of [3-Et-7,8-Ph2-7,8-nido-C2B9H8]2?: synthesis and characterization of 1,2 ? 1,2 and 1,2 ? 1,7 isomerized products. Applied Organometallic Chemistry, 2003, 17, 518-524. | 3.5 | 22 |
| 46 | New supraicosahedral metallacarboranes. The synthesis and molecular structures of 4-dppe-4,1,6-closo-NiC2B10H12 and [4-(Î·-C3H5)-4-(CO)2-4,1,6-closo-MoC2B10H12]â^'. Inorganica Chimica Acta, 2003, 347, 161-167. | 2.4 | 32 |
| 47 | Platination of [3-X-7,8-Ph2-7,8-nido-C2B9H8]2â^' (X=Et, F). Journal of Organometallic Chemistry, 2003, 680, 286-293. | 1.8 | 18 |
| 48 | Synthesis and characterisation of labelled diphenylcarboranes. Polyhedron, 2003, 22, 1293-1301. | 2.2 | 19 |
| 49 | Crystal engineering with heteroboranes. II. 1,2-Dicarboxy-1,2-dicarba-closo-dodecaborane(12) ethanol hemisolvate. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o559-o561. | 0.4 | 4 |
| 50 | Crystal engineering with heteroboranes. III. 2-Carboxy-1-methoxymethyl-1,2-dicarba-closo-dodecaborane(12). Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o586-o588. | 0.4 | 4 |
| 51 | Supraicosahedral (metalla) carboranes. Pure and Applied Chemistry, 2003, 75, 1325-1333. | 1.9 | 30 |
| 52 | 13-Vertex Carbacobaltaboranes: Synthesis and Molecular Structures of the 4,1,6-, 4,1,8- and 4,1,12-Isomers of Cp*CoC2B10H12. Collection of Czechoslovak Chemical Communications, 2002, 67, 991-1006. | 1.0 | 33 |
| 53 | The first supraicosahedral p-block metallacarboranes. Chemical Communications, 2002, , 464-465. | 4.1 | 45 |
| 54 | Crystal engineering with heteroboranes. I. 1-Carboxy-1,2-dicarba-closo-dodecaborane(11). Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 1295-1296. | 0.4 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | [{Rh(Î·5-Ph2C2B9H9)(Î¼3-OH)}4]: A Tetrameric Icosahedral Metallacarborane Containing an {Rh(OH)}4 Cubane Cluster. Angewandte Chemie - International Edition, 2001, 40, 715-717. | 13.8 | 21 |
| 56 | Title is missing!. Journal of Cluster Science, 2001, 12, 243-257. | 3.3 | 13 |
| 57 | 7,8-Diphenyl-9-dimethylsulfido-10,11-Î¼-hydro-7,8-dicarba-nido-undecaborane(9)Steric effects in heteroboranes. Part 26. For Part 25, see Garriochet al.(2000).. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1399-1400. | 0.4 | 1 |